GE
Lighting Solutions

GUIDE FORM SPECIFICATIONS
GE EDISON ® V LUMINAIRE

GENERAL DESCRIPTION

The traditional decorative post top luminaire designated _____ (identify) shall be a GE EDISON® V luminaire, ordering number _____ (specify EDVX or EDVF, plus ordering number logic from catalog) or approved equal, to operate one _____ (specify [50, 70, 100 or 150(55V)] watt high pressure sodium [HPS] or [70, 100, 175] watt metal halide) lamp from a nominal _____ (specify 120, 208, 240, 277 or 347) volt, 60 Hertz power source and shall be capable of starting and operating the specified lamp within the limits specified by the lamp manufacturer. The luminaire shall contain a completely prewired integral ballast and a UV stabilized polycarbonate resin or acrylic globe that shall provide an IES Distribution Type _____ (specify from Photometric Selection Guide in catalog). The luminaire shall be UL/cUL 1598 Listed SUITABLE FOR WET LOCATIONS. Standard construction is IP54.

MECHANICAL CONSTRUCTION

The luminaire shall include a polycarbonate globe impact resistant at -40°C, socket, ballast, and ornamental black painted textured heavy gauge cast aluminum fitter to fit a 3-1/2-inch (89 mm) maximum diameter pole. An internal twist-lock photoelectric control receptacle mounted in a removable cast aluminum door is available.

The luminaire shall include a removable ballast can which contains ballast, capacitor and starting aid (HPS).

BALLAST OPERATION

The luminaire shall have a _____ (specify) ballast*. The plug-in type ignitor (for HPS only) and ballast shall be prewired to the lamp socket requiring connection of power supply leads only. The ballast shall be in full compliance with lamp-ballast specifications available to the fixture manufacturer from the lamp manufacturers at the time of fixture manufacture.

The ballast shall reliably start and operate the lamp in ambient temperatures down to -20°F for mercury or metal halide or -40°F for HPS.

The luminaire and ballast shall be from the same manufacturer.

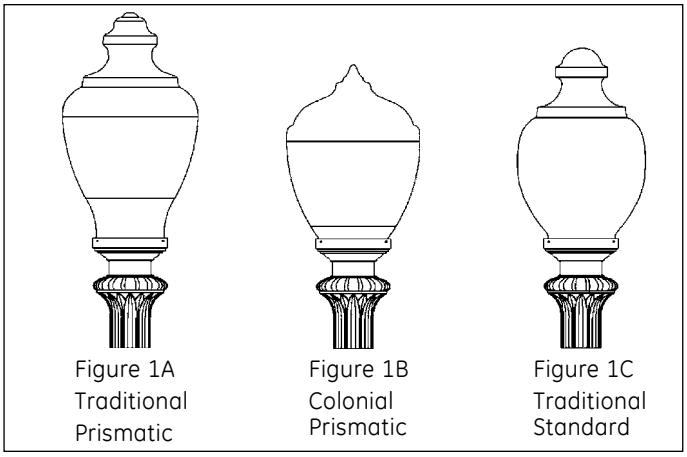

Figure 1A
Traditional
Prismatic

Figure 1B
Colonial
Prismatic

Figure 1C
Traditional
Standard

OPTICAL ASSEMBLY

The optical assembly shall have a one-piece, impact resistant, UV stabilized for color clarity, formed polycarbonate globe. The standard mogul base E39 socket with superior lamp gripping. The socket shall have added insulation, giving it the ability to handle the higher pulse ratings of newer HID systems.

For globe types A and B (Traditional and Colonial), there shall be prismatic tiered refractors integral to the globe providing reduced glare with improved light utilization.

* REFER TO PRODUCT PAGE FOR BALLAST SELECTIONS. FOR MORE DEFINITIVE INFORMATION, REFER TO BALLAST SPECIFICATIONS IN TECHNICAL DATA SECTION.

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